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(54) Title: DISCOVERING PROXIMATE APPARATUSES AND SERVICES IN A WIRELESS NETWORK

(57) Abstract: A searching apparatus in a wireless network with at least three base stations is put in the position of identifying the available apparatuses and services which are in its proximity, in that the apparatuses G_i ($i \neq k$) determine the signal strengths $ss(i, j)$ at which they receive signals from the base stations B_i , and the apparatuses to be discovered send these signals to a searching apparatus G_k .



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